

**In the claims:**

Please cancel claims 6, and 20 - 22 without prejudice, and replace the pending claims with the following amended claims having the same claim numbers:

C2  
1. (Once amended) A method of inducing weight loss in a mammal comprising administering a ciliary neurotrophic factor comprising the sequence of SEQ ID NO:16 or 17 to either the nasal or the respiratory passages of said mammal.

C3  
3. (Amended once) The method of claim 2, wherein said method is for the treatment of diet induced obesity.

C4  
7. (Amended once) A method of treating gestational or adult onset diabetes in a human comprising administering a ciliary neurotrophic factor comprising the sequence of SEQ ID NO:16 or 17 to either the nasal or the respiratory passages of said human.

C5  
12. (Amended once) The method of claim 7, wherein said ciliary neurotrophic factor protein is AX-15.

C6  
18. (Amended once) A method of treating a disorder responsive to ciliary neurotrophic factor in a patient, comprising administering a ciliary neurotrophic factor comprising the sequence of SEQ ID NO:16 or 17 to either the nasal or the respiratory passages of said patient.